

REMARKS

Claims 1-52 are all the claims pending in the application. By this Amendment, new claims 49-52 are added. Claims 1-7, 17-23 and 33-39 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,564,074 (hereinafter, "Romans"). Claims 8-16, 24-32, 40-48¹ are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form. Applicant submits the arguments below in traversal.

Rejection of Claims 1-7, 17-22, 33-39 under § 103(a) over Romans

Applicant respectfully submits that claim 1 is patentable because a prima facie case of obviousness has not been established. For example, Romans fail to teach or suggest:

an awake window interval counting unit which counts, in a counting, the interval value in the awake window set by the awake window setting unit; and
an inactive state conversion unit which, if the awake window counting unit finishes the counting, converts the awake window into an inactive state

Nowhere in Romans is there any mention of an awake window interval counting unit as recited in claim 1. Romans disclose that the "PS station should remain awake until it receives a [Control Point Beacon] in which the broadcast flag is not set." Col. 7, 61-64 (emphasis added). In other words, Romans fails to teach or suggest any sort of counting the interval value.

Instead of counting, Romans discloses awaiting receipt of a particular CPB to put the PS station to sleep. In contrast, claim 1 recites an inactive state conversion unit which, if the awake window counting unit finishes the counting, converts the awake window into an inactive state.

For at least the above reasons, claim 1 is patentable.

¹ Claims 7, 23 and 39 are incorrectly listed in the Office Action Summary as being objected to, given the Examiner's prior art rejection of these claims on page 4 of the Office Action.

For reasons similar to those submitted for claims 1, claims 17 and 33 are patentable. For example, Romans fails to teach or suggest (d1) counting the interval value in the set awake window; and (e) if the counting is finished in the step (d1), converting the awake window into the inactive state (claim 17) and (d1) counting the interval value in the set awake window; and (e) if the counting is finished in the step (d1), converting the awake window into the inactive state (claim 33).

Claims 2-7, which depend from claim 1, claims 18-23, which depend from claim 17, and claims 34-39, which depend from claim 33, are patentable for at least the reasons submitted for their respective base claims.

New claims 49-52 are added to more fully claim the invention and are patentable for at least the reasons submitted for their respective base claims.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. §1.111
U.S. APPLN. NO.: 10/720,539

ATTY DOCKET NO.: Q78339

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

/Seok-Won Stuart Lee/

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Seok-Won Stuart Lee
Limited Recognition No. L0212

Date: April 11, 2007